**4.2 Antiderivatives/ Indefinite Integration**

**Verify that integration works by showing the derivative of the right side = the integrand.**

1. 2.

**Find the integral of each function using the table as an aid if you need it.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Integral** | **Rewrite** | **Integrate** | **Simplify** |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |

**Find the integral of each function.**

7. 8.

9. 10.

11. 12.

13. 14.

15.